



PLC Control Automated Ultrasonic Cleaner LED Display With Robotic Arm

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: SkyMen
- Certification: RoHS, CE, FCC, SGS
- Model Number: JTM-3024AD
- Minimum Order Quantity: 1
- Price: Negotiation
- Packaging Details: Wooden case
- Delivery Time: In Stock
- Payment Terms: T/T
- Supply Ability: 800 pcs per month



Product Specification

- Functions: Cleaning, Heating, Cooling, Drying, Etc
- Item Movement: By Mechanical Arm
- Working Way: Automated
- Material: SUS304 316
- Cleaning Process: Ultrasonic Cleaning
- Machine Type: Industrial Ultrasonic Cleaner
- Heating Power: 4500W
- Condition: New
- Highlight: **PLC Control Automated Ultrasonic Cleaner, Robotic Arm Automated Ultrasonic Cleaner, SUS304 automatic ultrasonic cleaning machine**



Product Description

PLC Control Automated Ultrasonic Cleaner LED Display With Robotic Arm

Skymen provides multi-stage aqueous ultrasonic cleaning, high purity deionised water rinsing, multi-frequency variable power ultrasonics, and hot air drying to remove organic residues down to ppb (parts per billion) levels and particulate contamination to 0.1 microns

The process is well established for high specification, high volume cleaning applications, including computer disk drive (HDD) components such as base castings, top covers and head stack assemblies (HSAs) for the world's leading Hard Disk drive manufacturers.

Multi-head Autotrans automation with pick and place operation allows each Autotrans head to release baskets in process tanks while performing other transfers. Autotrans program intelligence continuously monitors basket positions to maximise throughput and system integrity.

Automatic Ultrasonic Cleaner's Cleaning Specification:

1	Model	JTM-3096AD	
2	1st Chamber	Function	Ultrasonic cleaning + Filter+ Hot water cleaning
		Ultrasonic Frequency	28/40kHz (other frequency can be customized)
		Tank Material	SUS 304 (SUS 316 can be customized)
		Thickness of tank	2mm
		Inner tank dimension	700*500*500mm
		Tank Capacity	175L
		Transducer	48pcs
		Ultrasonic Power	2400W
		Heating Power	6000W
		Time setting of Ultrasonic	0~99 hours
		Temperature setting	Room temperature ~ 95°C adjustable
		Drain value	Yes
		Water inlet/outlet	Yes
		Filter	1 set, connect with 1st tank
		Size of filter tank	500*300*300mm
		Filtet element precision	5/10μ
		Generator	1pcs
		Generator power control	2400W
		Basket	Yes
		Basket load	150KG
3	2nd Chamber	Function	Ultrasonic cleaning + Bubbling + Hot water cleaning
		Ultrasonic Frequency	28/40kHz (other frequency can be customized)
		Tank Material	SUS 304 (SUS 316 can be customized)
		Thickness of tank	2mm
		Inner tank dimension	700*500*500mm
		Tank Capacity	175L
		Transducer	48pcs
		Ultrasonic Power	2400W
		Heating Power	6000W
		Time setting of Ultrasonic	0~99 hours
		Temperature setting	Room temperature ~ 95°C adjustable
		Drain value	Yes
		Water inlet/outlet	Yes
		Bubbling system	Yes, air compressor is provided by user
		Generator	1pcs
		Generator power control	2400W
		Basket	Yes
		Basket load	150KG
3	3rd Chamber	Function	Hot air drying tank
		Inner tank dimension	600*500*450mm
		Turbines power	750W
		Dryer power	3000W
4	Working way of machine	Working way	Full automatic
		Loading and unloding platform	Yes
		Moving way of basket	By mechanical arm
		Control way	PLC touch screen
5	Warranty	1 year warranty for spare parts, all life technical support	
6	Certificate	CE, RoHS; FCC, REACH	
7	Production time	35 working days after deposit	

Automatic Ultrasonic Cleaner's Cleaning Process(cleaning direction: from left to right)

Loading table - Ultrasonic cleaning - Rising cleaning - Hot air drying - Unloading table

Automatic Ultrasonic Cleaner's Working Way

The entire process of putting the basket into the cleaning tank, removing the basket and moving the basket between the tanks

is automatically completed by a single-arm manipulator. This ultrasonic cleaning machine has a total of 3 working tanks, plus 1 loading and unloading station, a total of 4 stations .

Automatic Ultrasonic Cleaner's Same Series With Different Size for Your Choice:

Model	Size of every tank	Tank Volume	Ultrasonic Power	Heating Power of Ultrasonic tank	Heating Power of drying tank	Transducer
	L*W*H (mm)	(L)	(W)	(W)	750W	(pcs)
JTM-3024AD	500X300X250	38L*3	600W	1500W*2	750W	24pcs
JTM-3036AD	500X350X300	53L*3	900W	1500W*2	750W	36pcs
JTM-3048AD	550X400X350	77L*3	1200W	3000W*2	750W	48pcs
JTM-3060AD	550X450X400	99L*3	1500W	3000W*2	750W	60pcs
JTM-3072AD	600X500X450	135L*3	1800W	4500W*2	750W	72pcs
JTM-3096AD	700X500X500	175L*3	2400W	6000W*2	750W	96pcs
JTM-3120AD	800X600X550	264L*3	3000W	6000W*2	750W	120pcs
JTM-3144AD	1000X600X600	360L*3	3600W	9000W*2	750W	144pcs
JTM-3216AD	1000X900X600	540L*3	5400W	18000W*2	1100W	216pcs
JTM-3288AD	12000*1000*800	960L*3	7200W	24000W*2	1500W	288pcs

Images:



Why Ultrasonic Cleaner ?

Cavitation, the collapse of millions of tiny bubbles created by ultrasonic vibrations, releases high energy and enormous cleaning power. This cleaning action gently and thoroughly removes dirt, oil, and contaminants from every surface in contact with the cleaning fluid. Because the liquid can penetrate into very small crevices, ultrasonic cleaning can clean intricate items that cannot be cleaned by hand.

Automatic Ultrasonic Cleaner's Application:

Electronic factory, utensil, hardware, machinery, communication, biological, medical instrument, glasses, optical, textile, auto parts, ships, aviation, mining area, commercial cleaning

Kitchen industry, medical industry, electronic factory, molding factory, car workshop, diesel workshop, car industry, scientific laboratory, university, dental clinics, eyeglass shop, hardware tools shop.

Automatic Ultrasonic Cleaner's Cleaning Effect:



Company's Introduction

Skymen Cleaning equipment Shenzhen Co.,LTD., which is a leading manufacturer and national high-tech enterprise, was founded in 2007. We have been focusing on R&D of ultrasonic equipment & cleaning solution for more than 15 years with over 200 employee and plant size 20,000 square meter.

There are 2 factories of Skymen, one is located in Shenzhen, closed to HongKong. And the other is located in Shaoguan, Guangdong province, China.

There are more than 120 patents & certificates in total. Our products range covers home use ultrasonic cleaner, commercial ultrasonic cleaner, ultrasonic vibration rod series, ultrasonic vibration plate series, large hydrocarbon ultrasonic cleaning equipment with PLC, large ultrasonic cleaning equipment with vacuum implementation, etc.

Products include CE, FCC, PSE, KC and other safety certification, as well as ROHS, PAHS, REACH, SCCP environmental certification, and passed the factory audit BSCI, ISO9001 quality management system.

1. We are the source manufacturer, factory direct sales, the price is very cost-effective
2. Quality is guaranteed. We have passed various certificates, such as BSCI , ISO 9001 (And is ready to do ISO14001), CE, FCC, etc.
3. One-year warranty and lifelong technical support. I can also specially help you apply for 2 years!
4. If you have any questions about the price, I will apply for a special price for you!



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